

**REMARKS/ARGUMENTS**

New claim 22 is based upon previous claim 1 and explicitly relates to the design of the DNA probe. This will clarify the distinction that applicants believe the subject matter of their invention has over the prior art. The basis for this modification is Claim 1 of the application as filed, in conjunction with the disclosure at page 5, lines 11-12. Previous claims 12-13 as filed are modified to overcome the clarity objection which had been raised previously and now appear as claims 27 and 28. The basis for these amendments are:

Claim 27 – Claim 12 of the application as filed in conjunction with p5 lines 13-15;

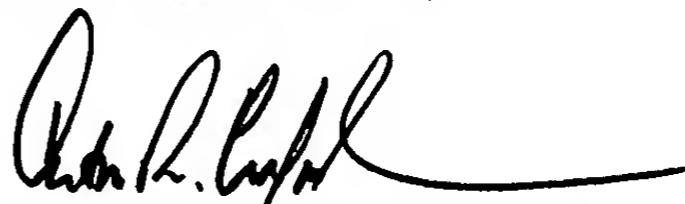
Claim 28 – Claim 13 of the application as filed in conjunction with p5 lines 15-24 and Figure 5.

An early and favorable action on the merits is awaited.

Respectfully submitted,

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